

2. (Previously Presented) The blood purification device of claim 1, wherein:
said blood purifier includes a water removing unit connected to said blood purifier and configured to remove water from blood flowing in said blood purifier; and
said preset blood purifying rate is a preset water removal rate of said water removing unit.

3. (Previously Presented) The blood purification device of claim 2, further comprising:
a substitution fluid supplying unit configured to supply a substitution fluid into said blood circuit, wherein
said calculating unit configured to calculate a theoretical value referring to a ratio of the blood concentrations obtained by the at least one formula based on parameters including a preset substitution fluid supplying rate of said substitution fluid supplying unit and a filtration rate of said blood purifier in addition to said preset blood flow rate and said preset water removal rate.

4. (Previously Presented) The blood purification device of the claim 1, further comprising:
a reporting unit configured to report when a ratio difference between said measurement value and said theoretical value, which is evaluated by said evaluation unit, is larger than a predetermined acceptable ratio difference.

5. (Previously Presented) The blood purification device of the claim 2, further comprising:

a reporting unit configured to report when a ratio difference between said measurement value and said theoretical value, which is evaluated by said evaluation unit, is larger than a predetermined acceptable ratio difference.

6. (Previously Presented) The blood purification device of the claim 3, further comprising:

a reporting unit configured to report when a ratio difference between said measurement value and said theoretical value, which is evaluated by said evaluation unit, is larger than a predetermined acceptable ratio difference.

7. (Canceled)